



COMBINED DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.: 010196  
Page 1 of 4

AS BELOW NAMED INVENTOR I HEREBY DECLARE THAT: This Declaration is of the following type:

- ☒ Original ☐ Supplemental ☐ Continuation-In-Part ☐ Divisional  
☐ Continuation ☐ National Stage of PCT

My residence, post office address and citizenship are as stated below next to my name: I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention **ADAPTIVE PILOT FILTER FOR A WIRELESS COMMUNICATION SYSTEM** the specification of which:

- ☐ is attached hereto.  
☒ was filed on **August 7, 2001** as Serial No. **09/924,199**  
☐ was amended on (if applicable).  
☐ was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Priority Claimed

_____	_____	_____	_____	_____
(Country)	(Application No.)	(Day/Month/Year/Filed)	(Yes)	(No)

I hereby claim the benefit under Title 35 USC 119(e) of any United States provisional application(s) listed below:

_____	_____
(Serial No.)	(Filing Date)

I hereby claim the benefit under Title 35 USC 120 of the United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC 112, I acknowledge the duty to disclose material information as defined in Title 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

_____	_____	_____
(Serial No.)	(Filing Date)	(Status)

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Russell B. Miller, Reg. No. 31,122, Gregory D. Ogrod, Reg. No. 30,880, Bruce W. Greenhaus, Reg. No. 37,339, Charles D. Brown, Reg. No. 28,285, Thomas R. Rouse, Reg. No. 40,793, Kent D. Baker, Reg. No. 38,822, Thomas M. Thibault, Reg. No. 42,181, Christopher O. Edwards, Reg. No. 36,127, Pavel Kalousek, Reg. No. 44,178, Kyong H. Macek, Reg. No. 42,977, Byron Yafuso, Reg. No. 45,244, Kevin J. Clark, Reg. No. 42,421, Sean English, Reg. No. 37,319, Roger W. Martin, Reg. No. 39,291, Sandip S. Minhas, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 36,547, Philip R. Wadsworth, Reg. No. 29,219 and S. Hossain Beladi, Reg. No. 42,311, Albert J. Harnois, Reg. No. 46,123, Sandra L. Godsey, Reg. No. 42,589, George C. Pappas, Reg. No. 35,065. Please direct all telephone calls to Philip R. Wadsworth at (858) 651-4404 and address all correspondence to: Sarah Kirkpatrick, Manager, Intellectual Property Administration, QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, California 92121-1714.

## COMBINED DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.: 010196

Page 2 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor <b>Parvathanathan Subrahmany:</b>	Inventor Signature <i>Subrahmany</i>	Date 11/5/2001
Residence 468 Madera Avenue, #1, Sunnyvale, Ca 94086		Citizenship India
Post Office Address: 468 Madera Avenue, #1, Sunnyvale, Ca 94086		

## COMBINED DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.: 010196

Page 3 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Second Inventor <b>Da-shan Shiu</b>	Inventor Signature <i>[Signature]</i>	Date <b>11/5/01</b>
Residence <b>1280 San Tomas Aquino, #204, San Jose, Ca 95117</b>		Citizenship <b>Taiwan</b>
Post Office Address: <b>1280 San Tomas Aquino, #204, San Jose, Ca 95117</b>		

**COMBINED DECLARATION / POWER OF ATTORNEY**

ATTORNEY DOCKET NO.: 010196

Page 4 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Third Inventor <b>Avneesh Agrawal</b>	Inventor Signature <i>Avneesh Agrawal</i>	Date <b>11/16/01</b>
Residence <b>809 Pitkin Loop, San Jose, Ca 95125</b>		Citizenship <b>India</b>
Post Office Address <b>809 Pitkin Loop, San Jose, Ca 95125</b>		